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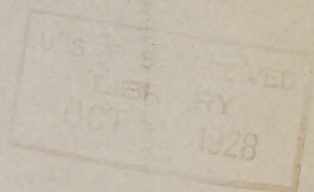
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FOREST PRODUCTS RESEARCH IN PICTURES

NO. 70

"CUPPING" BOARD
DRAWS NAIL



FOREST PRODUCTS LABORATORY
U. S. FOREST SERVICE
MADISON, WISCONSIN

Strong forces are at work in the "cupping" of a board, forces capable of pulling a nail that would "come hard" even with the leverage afforded by a claw hammer. This fact is proved by the way a board used in outside construction and not properly protected by paint may deal with a nail when cupping under the influence of weather. The board in the picture is exposed to the direct action of sun and rain as a part of a paint-test fence installed by the Forest Products Laboratory at Madison, Wisconsin. Although enough of the black paint film originally applied still remains to hide the surface and give a fairly satisfactory appearance, it is high time to nail the board down and repaint it if the wood is to be saved from further damage through weathering.

*Photograph by Forest Products Laboratory,
U. S. Forest Service*

